



11 Lewis Drive

Paola, KS 66071

Oil & Gas Well Drilling  
Water Wells  
Geo-Loop Installation

Phone: 913-557-9083

Fax: 913-557-9084

**WELL LOG**

Petroleum Technologies, Inc.

Knabe C #10A

API #15-091-24,428

July 29 - August 4, 2016

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
10	soil & clay	10
21	shale	31
20	lime	51
10	shale	61
9	lime	70
10	shale	80
20	lime	100
22	shale	122
25	lime	147
10	shale	157
16	lime	173
14	shale	187
24	lime	211
16	shale	227
8	lime	235
20	shale	255
8	lime	263
7	shale	270
3	lime	273
45	shale	318
23	lime	341
9	shale	350
22	lime	372
3	shale	375
20	lime	395 base of the Kansas City
167	shale	562
8	lime	570
10	shale	380
9	lime	589
2	broken sand	591
12	shale	603
3	lime	606
42	shale	648
6	lime	654
46	shale	700
2	lime	702
21	shale	723
3	broken sand	726
27	shale	753
4	lime	757

43	shale	800
4	lime	804
37	shale	841
9	limey sand	850
5	oil sand	855
80	shale	935 TD

Drilled a 9 7/8" hole to 22.4'

Drilled a 5 5/8" hole to 935'

Set 22.4' of 7" casing cemented with 6 sacks cement.

Set 915' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 clamp, and 1 baffel at 907'.